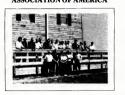


JOURNAL OF THE SHIPS-IN-BOTTLES
ASSOCIATION OF AMERICA



THE BOTTLE SHIFFHHORT is the journal of the Ships-in-Bottles Association of America. Production and rading are handled by unpaid volunteer masher of the Association. The Journal is published quarterly and is dedicated to the premotion of the traditional mautical art of building ships in bottless.

are or cultured style in coress.

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AUTOGAS and PROPORATES for publication in TOE BOTHER SHIPMOND about the said on a 1970 Prespect to principally 19, 18600 statical state of the said on a 1970 Prespect to principally 19, 18600 indicated, Prery effort vill be made to antequark such material, but the secretain cannot be responsible for loss or sange, 7th Sitter may be a secretain to the secretain state of the said of the sa

Jack Hinkley, Precident
Ray Handserker, Editor
Don Habbard, Assistant Editor, Transurer, and Membership
Seul Robroff. Technical Operations



MOLIG and PATOMES for the Emigrator-Dettles Association of Associate are swallable frow JTD MAYESON, 19th indicates were, Engal only, Highland ST, 19th indicates are smaller from the Mayes and chock or Money order, payable to James H.Davison.
The Associated phatches are \$1,000 asah, the 3" decale with easymptol backing are \$2.25 asah or 2 for \$2.00. JUn slap has a 3" metal bagge with our emission, watlable for \$1,000.

Gover Photo- The members line up and say cheese at St. Hichaele.

The Bottle Shipwright

Volume S. Number T

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he pulse of the Billiotical ways an general region of the staff has saked the Billiotical ways and production of an elemental PER SOUTH SELECTION OF THE SELECT

The second SDA Onlywoon at \$5.00,000 was no originately rest those the mainties directly of \$1.00 above the extract the sixty of string a solution at the second string of the solution of speakers not time to be sold the solution of speakers not time to be sold the solution of speakers not time to be sold the solution of speakers of time to be sold the solution of speakers of the solution of speakers of the solution of speakers of the solution of the solution

Meloces aboard to all of the new members we are happy to have you with us and we encourage your participation in the art of building shipe-in-notities in the tower way you can contribute, as world swinness bottler of shipe, halp pretty the builder of included. Nament to went to may "...KET THE SOTTLE".

In complicate I seed sincere but belated MERCHS CRESTINGS to each of you and bops that you had hopey time. For percent reasons I was unable to prepare and produce my percent amount greating card. places forgive.

Material for the editor should be sent to.

Raymond Handworker 5075 Freeport Dr. Springhill Pl. 34606

1989 ASSOCIATION CONFESSIONE

FRANCIS J. SKURKA, SEAFORD, NEW YORK

The Chesquake Bay Natitum Fassem of Saint Michael's Maryland, U.S.A. behated the second mips in buttle Association of America Conference on the 11th through lith of October. The Missem seasonshy provided proposed the Conference of the Conference of the Conference of C

There were 34 attendeds, meny with their wives. Of this number, 26 were members from Massachusetts, Maryland, Pennsylvenia, New York, New Jersey, New Rempshire, Bouth Caroline, Virginia, Florida, Michigan, Illinois and Outario, Casada. I have no data on the 8 non members.

on relay night, at an informal gathering and social hour, modelers cheeced in an frequency and set up their social either for display or competition. Some with serveral models, set up for hoth, Bill westervalt concerned the meeting and introduced alone millioger of Hedwigners, Hemselmantis, as the moderator, introductions second the second sec

The judges selected for the competition wers: Jork Hishley, Freedomt of The Ships. In Nottles Association of Newsich, From Corposition, Francey Junear 19, 1981. Francey Junear 1981, 1981

A modified form of the Mational Judging Standard, which allowed for the following point awatem of scoring was used:

Craftswan Ship | 0 = 120 Points Degree of Difficulty | 0 = 80 Points Scale Accuracy | 0 = 80 Points Skil | 0 = 80 Points Presentation | 0 = 40 Points The highest possible score was 400 points. The models were numbered and the builders unknown to the judges. Fifteen models were placed in competition.

On Seturdey worning, Jeck Hinkley gave a brief prasentation on the coming events for the next two days and set the stage for the technical sessions to follow. Frior to this the conferees bed time to circulets, view the modals on display, consult with sech other, meet old friends, and make scome new ones.

Alex sellinger's technical presentation on how he builds build using the plank on block technique with a boilowed out hull use highlighted by his slides and mestary of the language. He very carefully described this execting process and had clipper ship models to illustrate the technique. His 'Bewshop' on the building stand, at the displey table, sade a nerfect example of the finished product.

c.t. (non) hredley of fact Peoris, Illinois, spoks shout his tenhalques and related how et an early see, during the Great Depression, he learned ship bottling from an itinerant man who built hulls from pacen hells, hinging the maste through the dock. Algding was donen through the hate hules, with eails made of wood. Certeinly, e unique and interesting upproceh.

After the lumbh brank, Alex introduced Barold Military, who gave a chapy dealightful, withy and down to serbt table on e-specialty, that are for all the services of the servi

The reet of the ofternoon wee spent as free time with most people "ebooting the breeze" or visiting the museum, an 10 zers complex on St. Michesl's Nevy Point Peninsula. The many buildings and exhibite include the following:

. The Cheespeaks Bay building which is a colonial residence, housing a Crabbing Skiff under seil, wamerous models, paintings, artifacts a nemorabilia regarding the geological, cultural, and historical peet of the bay, from prehistoric times to the present.

. The Meterfowling Building houses extensive collections of decoys, gume, ammunition and numerous paintings, photographs and equipment associated with gunning, both for commerce and sport from the serly times to the present.

- The Corn Crib is an 18th century workshop shaltering the museum's collection of sunning boats.
- . Hoopar Straight Lighthousa, the Massum's logo, is a real screepila or "cottage lighthouse which has moved from its original location do miles south of St. Wicheale. It is one of three remaining working lights left on the bey and is used for identification rather than navigation
 - The small boet shed houses ovar 200 types of small work and plessure boets found on the bay end includes an exhibit of seafood harvesting.
 - At the docks, the nuceum's famous floating fleet includes: "Dina E. Lockwood", the leet working log built bugeye afloat: "Rosis Parke", a fast, well known skipjack; "Old Point", a crab dredgar; and "Mr. Jin", a replicated yacht buy boat.
 - The bost shop is a working shop, where skilled builders maintein the measur's historic collection and restore others, using traditional wood ship building proceduras.
 - An equation, measure store and the Dodeon Homes Library bousing the 3,500 volume Howard I. Chapelle Hemorals Library, round out the measure complex. Hentioned earlier, the new propulsion building is part of an expension programe called the 700 volume is landing coupled which will house meany steam had sending incoming the send of the bay. In addition, a 100 seat solitorium is

The success is certainly a very fine complex and the staff were very cooperative and gracious with the Ships in Bottles Association of Asserica and its members.

The Saturday night haspwet was hold in a fine local rastmurant ovarlocking the harbor and it was intended that the winners of the competition would be assounced and the awards presented. This was not to be. The place was very heay and the group was spread all ower the netically decerated dining room, with the wood food, good spirite (liquid) considered dining room, with the wood food, good spirite (liquid) commonies until Sanday worships. The food was excellent.

Sunday scentish heighs with Don Paugeon of Deep Haven, Himmetch, explaining the unique, may be bottles him condist, eding a tooking between the condition of th

Jeck Hinkley began his next telk by stoting that he was going to assounce the competition winners, With one perfect outside, emplan running and busy pushed for his immediate departure. Nove them once, which brough the bound that the perfect of the perfect his property of the busy of the perfect of the perfect of the perfect of the perfect of the the source of the perfect of reaking.

First Place: C.L. (Den) Bredley, 197.6 Fts A dock yard plank on frame model of E.H.S. "See Horse" in a 5 1/2" rose globe. The model is on e stand, sitting on a mirror inside the globe. The model is on e stand, sitting on a mirror inside the globe. The satiror is supported by a spool surrounded by see horses. The satvet of the satvet of

second Pieces George Pinter, Halfon, Hasse-busette: 181.7 Pt-1 A clopma doub side seems of the wholes "Violes" fitting out for includes 17 tiny figures working on and around the wessel with one periand figure in the violes or e warehouse. The hull and wharea periand figure is the violes or e warehouse. The hull and wharea This spectrum of the periand figure is the periand that the periand figure play. 1909, No. 2, Vol. 7, Peggs 9 12, George spent 652

"Third Digmes. Don Persons, 721.7 Piss, h model of the full topped clipper 'Cutty gant's in head bloom, custom made 1.7 gallon, annealed Pyres bottle made by Buyene Lutter. Don spent 130 hours on this piece and used 213 years of verious line with 267 individual lines pulled, glued and cut. The hull is of holly (intemprete) paper of homeout, lines hatched to two more contracting the property of the contraction of the contraction



Association President Hinkley with the winners L/R Don Peerson C.L. Bredley, George Finter, and Jeck Hinkley.

seil cloth. The sea is a 2 part #0212-4, zero shrink, spoxy putty with blue color dispersion for the blue bess color. See "The Bottle Ship Wright", 1989, No. 1, Vol. 7, Pege 22.

With regard to the scoring, it is interesting to note that the point spread between the judges ran as follows:

Pirst, 15; Second, 26; Third, 45; Fourth, 50; Fifth, 50. By any standards, this is pretty closs, in c 400 Point range.

After the swarfs were safe, Joch presented all participants with certificates and queen short at lat repeating the Trimobelips he had constituted and the property of the prop

Alex Bellingar than closed the conference end the group participated in round table discussions, e reffle drawing and parting remarks and farmeells.

There are not significant description; I would like to sake requesting any the state of the same of the same one of further three perfections on the said seed and one of the same of the

, Bill Mastarvelt and his charming wife for the time and effort and the coffee, buns, pastarias at al that kept the appatits under control.

. Richard J. Dodds, the curator, and his staff for the use of the hell.

 Alex Bellinger and Jack Hinkley for piloting the sessions on course.

-And last but not lesst, the speakers: C.L. (Dom) Bradley, Harold Whiting, Dom Pearson and Alex Bellinger.

THE THE PROPERTY OF THE PROPER

ACCEPTING THE AWARDS ARE ;







George Pinter

Don Feareon



TO CONTROL OF CONTROL OF THE PROPERTY OF THE PARTY OF THE Impered Dovetail for Nounting a Ship in Nottle Model

by Don Pearsons One of the biggest problems I have encountered was a good way to mount a ship inside of a bottle without a headle. This seems to be a problem for a number of ship in bottle builders. After looking at all the requirements, I felt I meeded to make it simple and controlable. I came up with the tapered dovetail method It gives me complete control of the height of the model when I put it inside the bottle. I have worked with only .OIS Glearance from the top of the highest must to the inside of the bottle with-

Using this method, I can have my workstand outside the bottle with the same taper as the insert inside the bottle. This allows he to be able to fit the ship at different stages in the bottle by taking it off the workstand to check what has to be done inside the bottle. Then I can recove it from the bottle and put it back on the workstand with ease. To make things simple, I make all the workstands with the same

out a problem.

taper, and all the inserts with matching taper.
The system is made of two sections. The lower section is the one that nounts to the inside bottom eurface of the bottle. This is the teat received the upper or male section mounts to the underside of the hull, fills also allows a ship to be put in the bottle at an angle. By canting either the frame downstip piece or the male piece. Whichever suits your needs. The lower section is the height controlling piece, the top surface

is also the vaterline. From this surface all dimensions are taken to the top of the inside of the bottle, This is the room, I have to work the top of the inside of the bottle. This is the room I have to we with inside the bottle. Insert height depends on the type of ship and bottle combination you are working with, Scale is developed from and bottle combination you are working with, Jonale is developed from here. The lover section is nade up of three please consisting of the lover main piece that is bonded to the inside of the bottle and about are real sections that are supered inside and mounted at an angle, smaller width being in the back end: They are postitioned from the mate section as for as 100 cm, and 100 cm, 100 spoxied in position. In cross section, the taper is wider at the

hottes than the ton-The upper soution or make section is a narrow strip with a match-ing taper. This is secured to the underside of the bulk with spoxy and or serves. The thickness is upually thinner than the height of and or screen, me telectors is a quality tenhaner team the could be the ferale section, which allows lines to be passed through this area and out the front of the bottle. At times it night be messary to relieve the surface between the two rails if more mone; is needed for culling lines. Scall breas sersy area can be accepted to the botton side of the male piece to help guide lines for insertion.

It makes things much cleaner. then the complete insert ascembly is made and fitted outside the bottle, and location has been determined between the ship and insert as well as the position of the insert assembly to the inside of the bottle a hole is made through the side of the dovetail on the insert and through the nale section .

TAPERED DOVERATE CONT.

This hole will later be used to accept a brass pin that will secure the ship to the base insert. The pin is "L" shaped with both ends slightly teprod_one and will fit into a long handle that is used to insert it in place. The other end will go through the set uses or answers as in place, who comer som while go almough the sec of holes in the downtail, the insertion tool is pulled back cut when the pin is its location and pointed down. It will later be covered with simulated water of openy or putty and secured in position. Varieth or seal both sections of downtail except the area at each end of the bottom insert that is spoxed to the bottle, to protect from moisture. This is left bare wood for good adhesion of the spoxy. This surface is also marked with fine saw cuts to provide additional surfaces for the spoxy to hold onto.

The space between the bonding surfaces is relieved slightly,

about I/32" and is flat .

This provides roce for writing the ships name, dating, etc.

It also allows for any uneven surface of the botile. The average insert takes about 15 minutes to complete, but it is important to remove all burrs. # 000 steel wool works fine for this purpose. Any fuse or burr that might be around to grab a line will. According to Murphy's Law. Por putting the insert into the bettle with spoxy on the

bottom, a tool shaped like a fork and fits into two holes in the front ends of the inserts will be helpful, it can be used to manager the insert into position and left until the spoxy is dry, Remove it by pulling it out.

by pulling is out.

If you allow you have the outer tracer assembly so that it is

if you allow apply will have a greater holding service.

If the late be helpful to mark with an arrow towards the room of the bottle, just in one are you hoppen to get it in below the proof of the bottle, just in one you hoppen to get it in the bottle, it is not pulled by the proper position in the bottle, like to relate it to a position on the study underposable the bottle that; I can eather the proper position in the bottle, like to relate the or a position on the study underposable the bottle that; I can eather the proper position in the bottle in the can eather the proper position of the study that the proper position in the bottle in the can eather the proper position of the study that the proper position is the proper position.

was previously determined in the early stages of fitting.

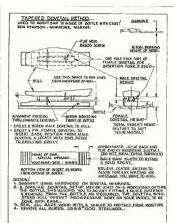
I recommend the use of hardroods, such as Cherry, Holly, or birch
as I have access to these woods and find then stronger and easier to work with. Anyone having any questions in reparts to this method is invited

> Don Fearson Minature Marine 1715 Laural Dr. Deephaven, Ma. 55391

or call at (612) h75-2831

to write ne at 1

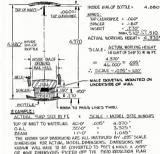
(editors note) non demonstrated this method at the 89 association conference. It works well and does not appear to difficult to master.



SHIP-IN-BOTTLE MODEL:

AS DIRECT DIMENSIONS.

DETERMINE WORKING SCALE :



Fabricating Miniature Angle Irons

by George Pinter

Dating the course of modeling various items you may find a need to simulate trea work. Making flut stock such in iron straps is a relatively simple task, and even wheat societies of 90 degree angle iron may present few problems. However, there might come a time whom you must take that lattle angle iron and bend it to form a right angle. I hope this internation will dispelled to for you.

Angle isons can be simulated with paper or card stock of appropriate thickness to maintain proper scale. To form the negle iron itself, cat a paper strip relocube width seeded. That is, the width of the paper strip must be the total width of both sides of the angle. Figure 1. "All cure should be done with a thorp binde and a mengle sleep gard.

"When working with real steel in existensary to allow for the thick-sens of the notal. For example, if the nort to the last or 10° block, his thickness used to shaded to distinction C. (A. 4 th. 9 th. 9° C. 5°). This comparatus for the band. If not done, the finished bore piece will be outsiler than desired. Working with earth this members as success to reason to our orbinon in this area.

The sirip can now be best lengthwise to form the angle is on. Measure the width of the paper at each end and mark the exact center. Using a straight edge again, line is up with the center mark and carefully begin to bend the paper. Once the field has began, you can dispense with the goads and crosse the paper sharply in form a new clean except. Paper.

Hence again, such as and note, concenso requires an additional step. The contains of fightly conting the agent claim the center have defect the state of the contained and the first think and health. Yet don't want agent claim the center has a final point of the contained and the contained and the first think and the contained and th

Once the night irons have been formed, they can be further worked put as real angle is on is notched and beek, into 90 degree currents. For purposes of disstration, we shall see form na night iron into a square, such as might be found relationing the base of a structure. Figure 4.

Begin at the first corner (end) which is corst a preclar 63 degree angle. This well substantly become the Absence. Figure 7. Now measure the distance from point A (Figure 7) to the cortex of 64 most (19) desired corner. May the propagationally access the only in 65 most the first angle in access to the accessor day and a set made it. Lay out and must be coaster of the short angle. The access that the propagation of the first angle. The access that the coaster of the short angle. The access that the coaster of the short angle in a first include any control of the first angle and the coaster of the short angle and the coaster of the short and the coaster of the short and coaster of the listed demonstrate of the first to 40 first and the listed demonstrate of the first to 40 first and the listed demonstrate of the first to 40 first and the listed demonstrate of the first to 40 first and the list of the first and only the coaster of the first and only the coaster of the first and only the first and the first and

Using each of the center lines as ngaids, by out 45 degree angles from each side of each center line, then out out these parts to fever sections. Pigure 7. Time the float cod or 45 degrees since this is the mating half for the initial control legals in Figure 6.

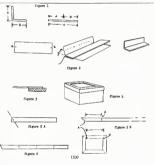
The stock can now be best at the aper of each triangular cot. It is important to center the braid an accurately an possible. The ratio may be journed together, and when set, content the other content to accure them. Depending on which are the stocking and how it will be used, you night find it desirable to form a simple jig with pins to halp recain the shape while jibring the corners. Figure 8.

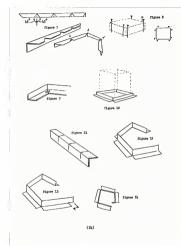
Agein, depending on your situation/use, you may must to relatives the coverers. This is easily done with a deep of give and a tiny ground of feature across the coverer joint. This should be done on the suderside where it will not how Figure 8. In actual practice you might find a censior to glast the angle decept to the part it is intended for.

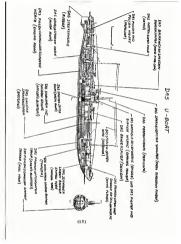
gloing and forming as you go. This is fine. The resper dissolvenings to this is that it is more difficult to paint the sugic iron, if it is to be a different color, case it is installed.

A variation of the maple just determined in above in Figure 10. Such as learn night but a supporting/institution, better of some such in this instance, the conversa test facts out and not assess as before which influences on set one for two ords at 60 degrees and part. Take now that the lasts laid one for the assessor of the continues made above the continues of the continues o

Authors note: While the ferugeing discussion concurs making tiny angle irrun and other 'iron work', the name techniques can be used for modeling other loses, such as small wood trim on dock bossos, etc.







PROV THE MEMBERS

DAMES, PATER and PARK TEX DEFINING TO A GROUND PROPERTY OF A GROUND PATER AND A GROUND PARK THE ADDRESS OF THE AD

020ME FIFTER has also agreed to keep up his Lat George do it column for mos so anyone baring any sort of problem commenced with building life of the directly. The Address is 199 Kim Street Haifax life 02356

NO.ALL TOROUGH Grouped ms a note recently to inform the sembore of an uppossing income 7900 | new finals shill TV do. | 1 will feature recently be not to the control of th

CHARLES HAED by now has finished the restoration of his home in South Garleins. It was kind of Noticer Bakure to send over BURD her crack demolitative expert to renove all the old shingles wasn't it. Sorry Charles But'if it had hit here. It be writing this under water from the added of the Oulf of Mexice, if not from Os.

for the Companies of th

BILL METHRULIT has been discussing the idea of a perminent rotating display of BIRs as the Chrespeche by remount in St. Mithaev with the ourstor Fr. Dedde. The idea is to have IZ/IS models of the members on display for a period of 1, months. Sounds good Bill.liet me know when you work out all the details. Mayone clee interested 7 write to Bill at 2205 Green Exercise 10.

WORDSHIP TO THE PROPERTY OF TH PROSE THE MEMBERS

ROBERT LARSON is locking for any information he can get on a British ship the 5.5. Galdesia. If anyone of you can help him drop him a line at P.O. Box 533 Sandineants. Ga. 92672.

DOF PRINTO Was considerable to the construction of the constructio column in 8.5, and 1 must agree with him .we are muck rate.



Photo above is of the wood don has for eals. He also refered to some light bulbs (with the works removed if snyone is interested, HERB HAVLEY wrote in with his method for drying lineed oil based putty. He writes ; an excellent source of dry heat is right in your kitchen. The refrigerator. I tape the (round) bottles with on your titlelmin. The refrigerator. I map the (round) bottles with). The related late the meet and tape it securely to the bottle. Frier to that I stretch a length of ladice party hose over the opening and the result in the second of the late of

casting resin for my sea.

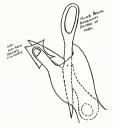
ADVINGATORY OF ACTUAL OF A CONTRACT OF A CON

RICH CHOMEA of Pa. sent in his suggestion/method for producing the wind filled "bagging" effect on paper eails. " Hold the top edge of the eail in one hand and run one blade of a pair of scissors across the back side of the eail, guiding with

or a pair or schesors agrees the peak cars or to easi-guitting with your thusb on the top side. will exty in place.

The nead sure! So problem, Turn the eall over, repeat the procedure and takes care curl out.

Rich claims to have found this method more effective that the roll around a dowed method.



Thanke for your input guys. Planse keep it comming. Mithout it there will be no Bottle Shipwright.

FROM THE EDITOR

As the new year/decade begins, let me first wish all of the members and their families a hoalthy, happy, prosperous new year. All the best. Maxi I think I speak for all the members, both here and overseas, when I wish alax Sellinger all the bost. Alax did a superb job under difficult conditions, until personal pressures forced him to step down. Alax ya done good. I only hope I can do as woll.

Steve Hahn also is not to be forgotten for his untiring efforte to keep the books straight and the membership list up to date. Well done Steve. Don will do as well if he dosan't run out of fingors and toes.

Bill and Betty Westervelt also deserve the highest praise for the job they did sotting up and running the convention at St., michaele in October. Those of you who were able to attend know of what I speak. Anyone out there who wants to start sotting up the next one ,

contact Bill, I know he will help.
All in all 1959 was an eventful year, with the expo. in japan
ablely handled by Juso Gkada. The logistics of which bogglo the
mind. The meeting in Naryland, and the changing of the guard of mans, whe section, Bot to moniton the audient less of the guard of the association, Bot to moniton the audient less of two sembers, Peter Bongo, and George Danaky. Since that is my first attempt at this type of endeavor I hope that you the necessary will bear with me until I get my set tog-ethor, I will obtains any hely I can age, and all forms of constructivo critician,

To all of you who wished me well . Thank You. How lets set bottling.

NEW MEMBERS AND ADDRESS CHANGES.

Bert Paine, of h8 Pirst Ave. Resmoyne Western Australia .. 6155 is a new member, WELCOME ABOARD.

Address Changes,

Robert Larson .. His new address is; F.O. Box 533 San Glemente, Ca. Zin Gode Changes.

Bill Johnston of 339 Summit Ave. Langhorne Fa. New Zip . 19047 Ray Handworker of 5075 Freeport Dr. Springhill Fl. 34606





R Davis. Mystic Maritime Gallery, Mystic, Conn.

A few months ago a friend of mine and fellow model builder came to me and expressed on interest in building a size in a buildness and expressed on interest in building a size in a buildwith model sirrorat as well as large scale model ships, buildness build a ship in miniture or in a builds. I loawed him Don hubburds mes book and a build, and block is the result of his

first attempt. Bob is the Fresident of the Samooest Shipmodel Society. of Spring hill florids.



Schooner Bluenose in Bottle (Rock & Rys) with large scale Model behind. See is Casting Reals.



Another view with plans as a backdrop. Bese is a piece of cedar (PT)

THE OLD MILL CIRCA-1890 CHESAPEAKS FLATTIE and OYSTER FIRATE



By May Mandwarter in a I gal. Tehrain Swalker Red bottle Bullding time 2000-5800 hours Bottle in 25% Long at 78 High at 780 Long at 780 Migh at 780 Mi

Fintere place has 2 pool tobles, and poel oue rack, bar mirror, liquor cabinat with bottles. Bar, with 12 bar stools. 2 patrons. Fire place at far end. Cheespoeks Fittle in back ground. Windows are clear plastic. All buildings simulate on lapboard cent.





Old Nill and Bluics with Mater Mheel, I3 Floose, Beckground is eand over cardboard. Trees are Green myste buige with model M/R foliage. Spray is cotton, Nater is casting rosin, Nodel spraised at \$15000. Photos by Japaness 31175 IR BOTHLES ASSOCIATION